TEST RESULTS OF STEEL

Format No: CP/TF/01

Lab ID	:	**CP-2019-05-07-18**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore. **Date: 02-03-2019**
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Works to Storm Water Drain in Bagalagunte Ward No.14
Agency	:	Sri,Raghunandan L, #85,Nesara, 6th Main, 3rd Cross, Mahalakshmipuram, Bengaluru-560086.
Customer's Reference	:	EE/DD/WO/351/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	01-03-2019
Sample Type	:	Sunvik
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test:	:	01-03-2019

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Sunvik	Fe500	8	0.391	512	652	20.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.616	528	672	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.888	544	668	20.0%	Satisfactory	Satisfactory

Note:

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CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

End of Report

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TEST REPORT OF PRECAST COVER SLAB

Format No: CP/TF/01

Date: 09-03-2019

Lab ID	:	CP-2019-05-07-18
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Works to Storm Water Drain in Bagalagunte Ward No.14
Agency	:	Sri,Raghunandan L, #85,Nesara, 6th Main, 3rd Cross, Mahalakshmipuram, Bengaluru-560086.
Customer's Reference	:	EE/DD/WO/351/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	05-03-2019
Sample Type /Size	:	Precast Cover Slab
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	05/03/2019

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.51	100.48	1.116	4477	80.9	18.1	16.8	21.0
2	Cover Slab-2	75.49	100.52	1.122	4475	82.3	18.4	17.1	21.4
3	Cover Slab-3	75.50	100.51	1.118	4476	81.5	18.2	16.9	21.2

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

	: CP-2019-05-07-18	Date: 18/03/2019
Lab ID	: Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.	
Customer	: Dasarahalli Sub Division, BBMP, Bangalore.	
Address	: Improvements to Works to Storm Water Drain in Bagalagunte Ward No.14	
Project Name	: Sri,Raghunandan L, #85,Nesara, 6th Main, 3rd Cross, Mahalakshmipuram, Bengaluru-560086.	
Agency		
Customer's Reference	: EE/DD/WO/351/18-19	
Source of Sample	: Sample supplied by Agency	
Sample Condition	: Satisfactory	
Date of Receipt	: 13-03-2019	
Customer ID	: Drain Bottom Slab Concrete	
Sample Type /Size	: 150X150X150 mm	
Sample grade/Age	: M20 / 7 Days Compressive Strength	
Reference to BIS codes	: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5	
Date of test	: 18/03/2019	

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	11/03/2019	18/03/2019	149.91 X 150.29 X 151.54	22531	8.132	408.5	18.1	18.5
2	Drain Bottom Slab Concrete	M20	11/03/2019	18/03/2019	149.04 X 150.13 X 150.25	22375	8.528	417.3	18.6	
3	Drain Bottom Slab Concrete	M20	11/03/2019	18/03/2019	150.77 X 151.87 X 151.33	22898	8.141	430.1	18.8	

Note:
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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-05-07-18 Date: 08/04/2019

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to Works to Storm Water Drain in Bagalagunte Ward No.14

Agency : Sri,Raghunandan L, #85,Nesara, 6th Main, 3rd Cross, Mahalakshmipuram, Bengaluru-560086.

Customer's Reference : EE/DD/WO/351/18-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 13-03-2019

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 08/04/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	11/03/2019	08/04/2019	149.95 X 151.03 X 150.54	22646	8.877	528.9	23.4	23.2
2	Drain Bottom Slab Concrete	M20	11/03/2019	08/04/2019	149.11 X 150.71 X 149.97	22472	8.729	507.1	22.6	
3	Drain Bottom Slab Concrete	M20	11/03/2019	08/04/2019	150.78 X 151.88 X 150.93	22901	8.281	539.4	23.6	

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